

Form PTO-1595 (Rev. 03/01) OMB No. 0851-0027 (exp. 5/31/2002)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof					
1. Name of conveying party(ies): DSM Gist Holding B.V.		2. Name and address of receiving party(ies) Name: <u>DSM N.V.</u> Internal Address: _____ Street Address: <u>Het Overloon 1</u>  City: <u>Te Heerlen</u> Country: <u>The Netherlands</u> Zip: <u>6411</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of Conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input checked="" type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>19 February 2003</u>					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: _____ A. Patent Application No.(s): _____ B. Patent No.(s): <u>5,863,533 5,849,874 5,705,362 5,840,528</u> <u>5,939,110</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Kate H. Murashige</u> <u>Reg. No. 29,959</u> Internal Address: <u>Atty. Dkt.: 24615800000</u> Street Address: _____  <u>Morrison &amp; Foerster LLP</u> <u>3811 Valley Centre Drive</u> <u>Suite 500</u>  City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92130-2332</u>		6. Total number of applications and patents involved: <u>5</u> 7. Total fee (37 CFR 3.41) \$ <u>200.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number <u>03-1952</u> (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <u>Kate H. Murashige</u> <u>Kate H. Murashige</u> <u>October 2, 2003</u> Name of Person Signing Signature Date  Total number of pages including cover sheet, attachments, and documents: <u>3</u>					

sd-166812

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PATENT  
REEL: 014022 FRAME: 0461

CH \$200.00 031962 6863633

GBNV-DSMNV /US

## ASSIGNMENT

Whereas,

DSM Gist Holding B.V.

Het Overloon1

6411 TE HEERLEN

The Netherlands

(hereinafter referred to as ASSIGNOR) is the owner of the United States Letters Patent and patent applicatios listed hereinbelow

Reference	Filing date	Filing no.	Grant date	Grant no.	Expiration
02528US/D1/	10 April 1995	08/419448	26 January 1999	5863533	26 January 2016
02591US/C2/	8 December 1994	08/352426	15 December 1998	5849874	15 December 2015
02593US	13 October 1992	07/960510	6 January 1998	5705362	6 January 2015
02627US/C1/	23 June 1995	08/494151	24 November 1998	5840528	10 September 2013
02630US/C1/	6 June 1996	08/744575	17 August 1999	5939110	30 November 2013

Whereas

DSM N.V.

Het Overloon 1

6411 TE HEERLEN

The Netherlands

(hereinafter referred to as ASSIGNEE) is desirous of acquiring all right, title and interest in said Patents and Patent Applications.

Now, therefore, in consideration of One Dollar (\$ 1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and set over to said ASSIGNEE the entire right, title and interest for the United States in and to said aforesaid Patents and Patent Applications including all rights of priority from the filing of said inventions, and all rights for pas infringement.

Heerlen, *February 19*, 2003

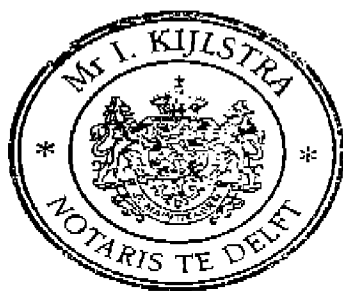
DSM Gist Holding B.V.

  
P. DE HAAN  
Proxy holder  
A.H.P. GRATAMA VAN ANDEL  
Proxy holder

I, Izaak Kijlstra, LL.M., notary at Delft, The Netherlands, do hereby certify, that on September 10, 1998, as a result of a notarial deed of merger pursuant tot Title 7 of Book 2 of the Dutch Civil Code all assets and liabilities of GIST-BROCADES N.V. were acquired by DSM GIST HOLDING B.V.”;

I further declare that Messrs P. de Haan and A.H.P. Gratama van Andel, who executed the foregoing Assignment are duly authorized to sign on its behalf in matters of Patents and Trademarks in their capacity of proxy, on behalf of DSM Gist Holding B.V.

Signed on this 24<sup>th</sup> day of February 2003



A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke.